



Problem Solving Tools (8D): Advanced Level

Quality & ISO Management

QGT-QMS-133 | Advanced | 5 or 10 days | Online, classroom, in-house

Course overview

Problem Solving Tools (8D): Advanced Level is an advanced programme for experienced practitioners in Problem Solving Tools (8D). It covers the principles, the requirements of ISO 9001, ISO 19011, ISO 31000 and ASQ bodies of knowledge, and the practical methods used on site, with case studies from operations in the Gulf, Africa and worldwide. Available online, in the classroom in 60 cities, or in-house.

What participants will be able to do

- Explain the principles, terminology and scope of Problem Solving Tools (8D)
- Apply the relevant requirements of ISO 9001, ISO 19011, ISO 31000 and ASQ bodies of knowledge
- Apply advanced analysis methods to real operating data
- Recognise common problems, risks and root causes and choose the right corrective action
- Prepare an improvement plan for their own site or organisation

Who should attend

Designed for quality managers, auditors, engineers and process owners with at least three years of experience.

Course outline (5 days)

Day 1: Core principles revisited

Fast review and recent changes in ISO 9001, ISO 19011, ISO 31000 and ASQ bodies of knowledge

Day 2: Advanced analysis methods

Detailed techniques, data interpretation and calculations

Day 3: Design and performance optimisation

Improving reliability, efficiency and cost

Day 4: Troubleshooting complex cases

Diagnosing multi-cause problems from field data

Day 5: Risk, decisions and integration

Building a risk-based plan and presenting recommendations

What the 10-day edition adds

Day 6: Applied project, part 1 – Apply the week-one methods to a case from your organisation

Day 7: Data and digital tools – Software, spreadsheets and digital tools used in practice

Day 8: Lessons from incidents and audits – What investigations and audit findings teach

Day 9: Applied project, part 2 – Complete, test and refine your solution

Day 10: Presentations and final assessment – Present to the group and complete the final assessment

Fees (USD per participant)

Duration	Live online	Classroom	In-house
5 days	\$3,000	\$5,500	On quote
10 days	\$5,500	\$9,900	On quote

Fees include course material and certificate of completion; classroom fees include refreshments and lunch. In-house training is priced per group.

Dates and cities 2027–2030

Dates	City	Format	Duration	Fee
24 Jan – 4 Feb 2027	Jeddah	Classroom	10 days	\$9,900
12–16 Apr 2027	Berlin	Classroom	5 days	\$5,500
26 Apr – 7 May 2027	Casablanca	Classroom	10 days	\$9,900
14–18 Jun 2027	Nairobi	Classroom	5 days	\$5,500
20 Sep – 1 Oct 2027	Online (live)	Online (live)	10 days	\$5,500
10–21 Jan 2028	London	Classroom	10 days	\$9,900
13–17 Aug 2028	Al Khobar	Classroom	5 days	\$5,500
2–13 Oct 2028	Houston	Classroom	10 days	\$9,900
30 Oct – 3 Nov 2028	Vienna	Classroom	5 days	\$5,500
6–17 Nov 2028	Online (live)	Online (live)	10 days	\$5,500
21 Jan – 1 Feb 2029	Doha	Classroom	10 days	\$9,900
12–16 Feb 2029	Houston	Classroom	5 days	\$5,500
16–27 Jul 2029	Vienna	Classroom	10 days	\$9,900
29 Jul – 2 Aug 2029	Erbil	Classroom	5 days	\$5,500
8–19 Oct 2029	Online (live)	Online (live)	10 days	\$5,500
28 Jan – 8 Feb 2030	Houston	Classroom	10 days	\$9,900
11–15 Mar 2030	Munich	Classroom	5 days	\$5,500
28 Apr – 9 May 2030	Cairo	Classroom	10 days	\$9,900
13–17 May 2030	Baku	Classroom	5 days	\$5,500
26 Aug – 6 Sep 2030	Online (live)	Online (live)	10 days	\$5,500

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/problem-solving-tools-8d-advanced-level/>

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